Title (en)
BUBBLE DOMAIN RELATIONAL DATA BASE SYSTEM

Publication
EP 0007504 B1 19821103 (EN)

Application
EP 79102335 A 19790709

Priority
US 92958478 A 19780731

Abstract (en)
[origin: US4283771A] A bubble domain chip is designed to provide the components necessary to perform all essential data-base functions. Many cross-linked loops in parallel allow the interchange of distinct columns of information. The use of an on-chip decoder achieves effective interchangeability of distinct rows of information. Thus, the basic storage structure and access modes conform to the high-level view of data implied by the relational data model, resulting in simpler programming. In addition, a plurality of comparators are provided to the plurality of storage loops to perform context search simultaneously on all the loops. The simultaneous search and the restriction to output of only qualified data greatly reduces the query time.

IPC 1-7
G11C 19/08; G11C 15/02

IPC 8 full level
G11C 11/14 (2006.01); **G11C 15/02** (2006.01); **G11C 19/08** (2006.01)

CPC (source: EP US)
G11C 15/02 (2013.01 - EP US); **G11C 19/0875** (2013.01 - EP US); Y10S 707/99936 (2013.01 - US)

Cited by
US6706277B2

Designated contracting state (EPC)
DE FR GB IT NL SE

DOCDB simple family (publication)
EP 0007504 A1 19800206; **EP 0007504 B1 19821103**; CA 1130457 A 19820824; DE 2963971 D1 19821209; JP S5522297 A 19800216; US 4283771 A 19810811

DOCDB simple family (application)
EP 79102335 A 19790709; CA 329605 A 19790612; DE 2963971 T 19790709; JP 8026879 A 19790627; US 92958478 A 19780731